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<p style="text-align: center;">Substitute for form 1449/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Date Submitted: February 28, 2007</p> <p>(use as many sheets as necessary)</p>			
 Complete if Known			
Application Number		10/537,944	
Filing Date		12/9/2003	
First Named Inventor		Pulickel AJAYAN	
Art Unit		Unassigned	
Examiner Name		Unassigned	
Attorney Docket Number		047182-0141	
Sheet	1	of	3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/PP/	C1	2003/0165418 A1	09/04/2003	Ajayan et al.	
	C2	4,706,020	11/10/1987	Viertl et al.	
	C3	4,799,010	01/17/1989	Muller, Jean-Louis	
	C4	5,047,719	09/10/1991	Johnson et al.	
	C5	5,485,084 A	01/16/1996	Duncan et al.	
	C6	5,659,248 A	08/19/1997	Hedengren et al.	
	C7	5,966,011 A	10/12/1999	Goldfine et al.	
	C8	6,414,483 B1	07/02/2002	Nath et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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/PP/	C9	Andrews et al., "Continuous production of aligned carbon nanotubes: a step closer to commercial realization," <i>Chem. Phys. Lett.</i> , April 16, 1999, 303, 467-474.	
/PP/	C10	Baughman et al., "Carbon Nanotube Actuators," <i>Science</i> , May 21, 1999, 284, 1340-1344.	
/PP/	C11	Bonard et al., "Tuning the Field Emission Properties of Patterned Carbon Nanotube Films," <i>Adv. Mater.</i> , February 5, 2001, 13(3), 184-188.	
/PP/	C12	Calvert, P., "A recipe for strength," <i>Nature</i> , May 20, 1999, 399, 210-211.	

Examiner Signature	/Punam Patel/	Date Considered	08/08/2008
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/PP/	C13	Curran et al., "A Composite from Poly(<i>m</i> -phenylenevinylene-co-2,5-diethoxy- <i>p</i> -phenylenevinylene) and Carbon Nanotubes: A Novel Material for Molecular Optoelectronics," <i>Adv. Mater.</i> , 1998, 10(14), 1091-1093.	
	C14	DeHeer et al., "A Carbon Nanotube Field-Emission Electron Source," <i>Science</i> , November 17, 1995, 270, 1179-1180.	
	C15	Fournet et al., "Enhanced brightness in organic light-emitting diodes using a carbon nanotube composite as an electron-transport layer," <i>J. Appl. Phys.</i> , July 15, 2001, 90(2), 969-975.	
	C16	Haggenmueller et al., "Aligned single-wall carbon nanotubes in composites by melt processing methods," <i>Chem. Phys. Lett.</i> , November 10, 2000, 330, 219-225.	
	C17	Homma et al., "Growth of suspended carbon nanotube networks on 100-nm-scale silicon pillars," <i>Appl. Phys. Lett.</i> , September 16, 2002, 81(12), 2261-2263.	
	C18	Hu et al., "Growth of well-aligned carbon nanotube arrays on silicon substrates using porous alumina film as a nanotemplate," <i>Appl. Phys. Lett.</i> , November 5, 2001, 79(19), 3083-3085.	
	C19	Huang et al., "Controlled fabrication of aligned carbon nanotube patterns," <i>Physica B</i> , 2002, 323, 333-335.	
	C20	Iijima, S., "Helical microtubules of graphitic carbon," <i>Nature</i> , November 7, 1991, 354, 56-58.	
	C21	Jeong et al., "Packing Density Control of Aligned Carbon Nanotubes," <i>Chem. Mater.</i> , 2002, 14(10), 4003-4005.	
	C22	Kind et al., "Patterned Films of Nanotubes Using Microcontact Printing of Catalysts," <i>Adv. Mater.</i> , 1999, 11(15), 1285-1289.	
	C23	Kong et al., "Nanotube Molecular Wires as Chemical Sensors," <i>Science</i> , 2000, 287, 622-625.	
	C24	Lahiff, et al., "Selective Positioning and Density Control of Nanotubes within a Polymer Thin Film," <i>Nano Letters</i> , 3(10), September 13, 2003, 1333-1337.	
	C25	Nerushev et al., "The temperature dependence of Fe-catalysed growth of carbon nanotubes on silicon substrates," <i>Physica B</i> , 2002, 323, 51-59.	
V	C26	O'Connell et al., "Band Gap Fluorescence from Individual Single-Walled Carbon Nanotubes," <i>Science</i> , July 26, 2002, 297, 593-596.	

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/PP/	C27	Odom et al., "Atomic structure and electronic properties of single-walled carbon nanotubes," Nature, January 1, 1998, 391, 62-64.	
	C28	Rosenblatt et al., "High Performance Electrolyte Gated Carbon Nanotube Transistors," Nano Lett., 2002, 2(8), 869-872.	
	C29	Saito et al., "Probing Phonon Dispersion Relations of Graphite by Double Resonance Raman Scattering," Phys. Rev. Lett., January 14, 2002, 88(2), 027401, 4 pages.	
	C30	Satishkumar et al., "Bundles of aligned carbon nanotubes obtained by the pyrolysis of ferrocene-hydrocarbon mixtures: role of the metal nanoparticles produced in situ," Chem. Phys. Lett., July 2, 1999, 307, 158-162.	
	C31	Tan et al., "Probing the phonon dispersion relations of graphite from the double-resonance process of Stokes and anti-Stokes Raman scatterings in multiwalled carbon nanotubes," Phys. Rev. B, 2002, 66, 245410, 8 pages.	
	C32	Tans et al., "Room-temperature transistor based on a single carbon nanotube," Nature, May 7, 1998, 393, 49-52.	
	C33	Tans et al., "Individual single-wall carbon nanotubes as quantum wires," Nature, April 3, 1997, 386, 474-477.	
	C34	Thomsen et al., "Double Resonant Raman Scattering in Graphite," Phys. Rev. Lett., December 11, 2000, 85(24), 5214-5217.	
	C35	Treacy et al., "Exceptionally high Young's modulus observed for individual carbon nanotubes," Nature, June 20, 1996, 381, 678-680.	
	C36	Wei et al., "Organized assembly of carbon nanotubes," Nature, April 4, 2002, 416, 495-496.	
	C37	Wildöer et al., "Electronic structure of atomically resolved carbon nanotubes," Nature, January 1, 1998, 391, 59-62.	
↓	C38	Xia et al., "Soft lithography," Angew. Chem., Int. Ed., 1998, 37, 550-575.	

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